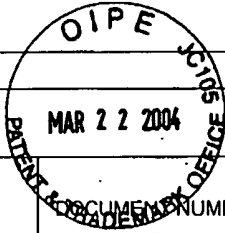


<b>SUPPLEMENTAL</b>  <b>INFORMATION DISCLOSURE CITATION</b>	Docket No.: RLL-1.1US	Serial No.: 09/347,315
	Applicants: TALWAR et al.	
	Filed: July 2, 1999	Group: 1615



U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES   NO	
JS	EP 0669129		Europe	—	—		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
JS	CHIAO, C. "Sustained-Release Drug Delivery Systems," <i>Remington: The Science and Practice of Pharmacy</i> , Mack Publishing Company, Easton, PA pp 1660-1669 (1995)	
JS	IANNUCELLI et al., "Air compartment multiple-unit system for prolonged gastric resident. Part II. In vivo evaluation" <i>Int. J. Pharm.</i> , 174, pp. 55-62 (1998)	
JS	THANOO et al., "Oral Sustained-release Drug Delivery systems using Polycarbonate Microspheres Capable of Floating on the Gastric Fluid" <i>J. Pharm. Pharmacol.</i> , 45, pp. 21-24 (1993)	

EXAMINER <u>James M. Spear</u>	DATE CONSIDERED <u>05-17-2004</u>
<small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>	

<b>INFORMATION DISCLOSURE CITATION</b>  (Use several sheets if necessary)	Docket No. RLL-1.1US	Serial No. 09/347,315
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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JS	A1	2,993,836	07/25/61	Nash et al.			
↑	A2	3,056,143	11/20/62	Christenson et al.			
	A3	3,074,852	01/22/63	Mayron			
	A4	3,079,303	02/26/63	Raff et al.			
	A5	3,133,863	05/19/64	Tansey			
	A6	3,147,187	09/01/64	Playfair			
	A7	3,388,041	06/11/68	Gans et al.			
	A8	3,456,049	07/15/69	Hotko et al.			
	A9	3,627,583	12/14/71	Troy et al.			
	A10	3,629,393	12/21/71	Nakamoto et al.			
	A11	3,639,169	02/01/72	Broeg et al.			
	A12	3,728,445	04/17/73	Bardani			
	A13	3,773,920	11/20/73	Nakamoto et al.			
	A14	3,836,618	09/17/74	Stevens			
	A15	3,864,469	02/04/75	Reiser et al.			
	A16	3,950,508	04/13/76	Mony et al.			
	A17	3,963,832	06/15/76	Hashimoto et al.			
↓	A18	4,013,820	03/22/77	Farhadieh et al.			
JS	A19	4,072,535	02/07/78	Short et al.			

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**INFORMATION DISCLOSURE CITATION**

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**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JS	A20	4,101,650	7/48/78	Umezawa			
↑	A21	4,140,755	02/20/79	Sheth et al.			
	A22	4,163,777	08/07/79	Mitra			
	A23	4,248,858	02/03/81	Guley et al.			
	A24	4,259,314	03/31/81	Lowey			
	A25	4,308,251	12/29/81	Dunn et al.			
	A26	4,309,405	01/05/82	Guley et al.			
	A27	4,332,789	06/01/82	Mlodozieniec			
	A28	4,344,857	08/17/82	Shasha et al.			
	A29	4,361,545	11/30/82	Powell et al.			
	A30	4,369,172	01/18/83	Schor et al.			
	A31	4,375,468	03/01/83	Dunn			
	A32	4,389,393	06/21/83	Schor et al.			
	A33	4,412,986	11/01/83	Kawata et al.			
	A34	4,424,235	01/03/84	Sheth et al.			
	A35	4,439,453	03/27/84	Vogel			
	A36	4,525,345	06/25/85	Dunn et al.			
↓	A37	4,542,011	09/17/85	Gleixner			
JS	A38	4,556,678	12/03/85	Hsiao			

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**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JS	A39	4,562,069	12/31/85	Hegasy et al.			
↑	A40	4,590,062	05/20/86	Jang			
	A41	4,601,895	07/22/86	Streuff et al.			
	A42	4,623,394	11/18/86	Nakamura et al.			
	A43	4,666,705	05/19/87	Decrosta et al.			
	A44	4,673,564	06/16/87	Kawata et al.			
	A45	4,690,822	09/01/87	Uemura et al.			
	A46	4,692,337	09/08/87	Ukigaya et al.			
	A47	4,695,463	09/22/87	Yang et al.			
	A48	4,695,467	09/22/87	Uemura et al.			
	A49	4,698,101	10/06/87	Koivurinta			
	A50	4,702,918	10/27/87	Ushimaru et al.			
	A51	4,704,285	11/03/87	Alderman			
	A52	4,755,389	07/05/88	Jones et al.			
	A53	4,765,990	08/23/88	Sugimoto et al.			
	A54	4,777,033	10/11/88	Ikura et al.			
	A55	4,808,413	02/28/89	Joshi et al.			
↓	A56	4,867,985	09/19/89	Heafield et al.			
JS	A57	4,892,741	01/09/90	Ohm et al.			

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**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JS	A58	4,904,699	02/27/90	Bauer			
JS	A59	4,973,469	11/27/90	Mulligan et al.			
	A60	5,051,263	09/24/91	Barry et al.			
	A61	5,071,642	12/10/91	Lahr et al.			
	A62	5,145,683	09/08/92	Rhodes			
	A63	4,639,458	01/27/87	Katdare			
	A64	4,659,603	04/21/87	Grohe et al.			
	A65	4,695,467	09/22/87	Uemura et al.			
	A66	4,705,788	11/10/87	Schriewer et al.			
	A67	4,705,789	11/10/87	Grohe et al.			
	A68	4,734,285	03/29/88	Alderman			
	A69	4,772,605	09/20/88	Naik et al.			
	A70	4,786,503	11/22/88	Edgren et al.			
	A71	4,803,205	02/07/89	Bridges et al.			
	A72	4,808,583	02/28/89	Grohe et al.			
	A73	4,842,866	06/27/89	Horder et al.			
	A74	4,880,806	11/14/89	Ueda et al.			
	A75	4,880,830	11/14/89	Rhodes			
JS	A76	4,957,922	09/18/90	Lammens et al.			

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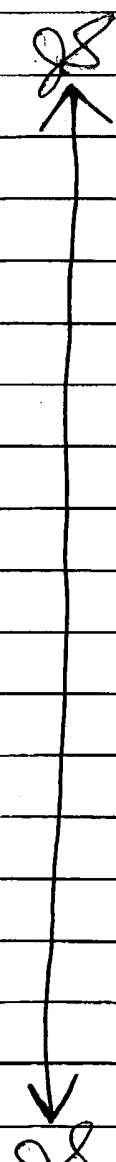
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<b>INFORMATION DISCLOSURE CITATION</b>  (Use several sheets if necessary)	Docket No. RLL-1.1US	Serial No. 09/347,315
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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A77	4,973,470	11/27/90	Mills et al.			
	A78	4,978,661	12/18/90	Caruso			
	A79	5,009,895	04/23/91	Lui			
	A80	5,082,669	01/21/92	Shirai et al.			
	A81	5,084,276	01/28/92	Yunker et al.			
	A82	5,093,200	03/03/92	Watanabe et al.			
	A83	5,126,145	06/30/92	Evenstad et al.			
	A84	5,133,974	07/28/92	Paradissis et al.			
	A85	5,145,853	09/08/92	Metzger et al.			
	A86	5,179,096	01/12/93	Gentilini et al.			
	A87	5,219,575	06/15/93	Van Bommel et al.			
	A88	5,225,413	07/06/93	Naik et al.			
	A89	5,256,662	10/26/93	Domagala et al.			
	A90	5,283,065	02/01/94	Doyon et al.			
	A91	5,296,233	03/22/94	Batista et al.			
	A92	5,384,124	1/24/95	Courteille et al.			
	A93	5,419,918	05/30/95	Lundberg			
	A94	5,427,799	06/27/95	Valentine et al.			
	A95	5,484,785	01/16/96	Yeon et al.			

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**INFORMATION DISCLOSURE CITATION**

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**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JS	A96	5,549,913	08/27/96	Colombo et al.			
↑	A97	5,582,837	12/10/96	Shell			
	A98	5,683,722	11/04/97	Derrieu et al.			
	A99	5,686,095	11/11/97	Price, Jr.			
	A100	5,695,784	12/09/97	Pollinger et al.			
	A101	5,705,190	01/06/98	Broad et al.			
	A102	5,736,161	04/07/98	Garces et al.			
	A103	5,759,579	06/02/98	Singh et al.			
	A104	5,741,519	04/21/98	Rosenberg et al.			
	A105	5,776,445	07/07/98	Cohen et al.			
	A106	5,786,363	07/28/98	Canovas Soler			
	A107	5,788,987	08/04/98	Busetti et al.			
	A108	5,837,292	11/17/98	Dijkgraaf et al.			
	A109	5,840,330	11/24/98	Stemmle et al.			
	A110	5,840,333	11/24/98	Gousset et al.			
	A111	5,849,330	12/15/98	Marvola et al.			
	A112	5,858,409	01/12/99	Karetny et al.			
↓	A113	5,900,425	05/04/99	Kanikanti et al.			
JS	A114	5,958,456	09/28/99	Baichwal et al.			

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**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JS	A115	5,997,903	12/07/99	Dietrich et al.			
JS	A116	6,001,391	12/14/99	Zeidler et al.			
	A117	6,017,912	01/25/00	Bussell			
	A118	6,034,100	03/07/00	Adachi et al.			
	A119	6,039,976	03/21/00	Mehra et al.			
	A120	6,077,538	06/20/00	Merrill et al.			
	A121	6,096,339	08/01/00	Ayer et al.			
	A122	6,120,802	09/19/00	Breitenbach et al.			
	A123	6,120,803	09/19/00	Wong et al.			
	A124	6,174,524	01/16/01	Bawa et al.			
	A125	6,183,777	02/06/01	Chen et al.			
	A126	6,190,692	02/20/01	Busetti et al.			
	A127	6,221,393	04/24/01	Collaueri et al.			
	A128	4,444,769	04/24/84	Blume et al.			
	A129	4,526,777	07/02/85	Blume et al.			
	A130	4,547,498	10/15/85	Blume et al.			
	A131	5,399,359	03/21/95	Baichwal			
JS	A132	5,399,362	03/21/95	Baichwal et al.			
JS	A133	5,585,115	12/17/96	Sherwood et al.			

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28	A134	3,726,690	04/10/73	Schuppner				
↑	A135	3,963,822	06/15/76	Hashimoto et al.				
	A136	4,762,702	08/09/88	Gergely et al.				
	A137	4,792,452	12/20/88	Howard et al.				
	A138	4,803,077	02/07/89	Mitsuhashi et al.				
↓	A139	4,829,056	05/09/89	Sugden				
28	A140	4,942,040	07/17/90	Ragnarsson et al.				

**FOREIGN PATENT DOCUMENTS**

9	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
28	B1	0,103,995	03/28/84	Europe				
↑	B2	0,146,863	03/07/85	Europe				
	B3	0,181,564	05/21/86	Europe				
	B4	0,182,772	05/28/86	Europe				
	B5	0,190,826	08/13/86	Europe				
	B6	0,200,902	11/12/86	Europe				
	B7	0,232,155	08/12/87	Europe				
	B8	0,207,405	01/07/87	Europe				
	B9	0,180,364	05/07/86	Europe				
	B10	0,357,793	03/14/90	Europe				
↓	B11	84/00104	01/19/84	WIPO				
28	B12	86/02834	05/22/86	WIPO				

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JS	B13	87/00044	01/15/87	WIPO			
	B14	87/05212	9/11/87	WIPO			
	B15	89/02738	04/06/89	WIPO			
	B16	92/06680	04/30/92	WIPO			
	B17	95/28916	11/02/95	WIPO			
	B18	97/17947	05/22/97	WIPO			
	B19	97/26865	07/31/97	WIPO			
	B20	1,288,049	08/27/91	CANADA			
	B21	1,097,207	12/29/67	UNITED KINGDOM			
	B22	1,318,169	05/23/73	UNITED KINGDOM			
	B23	2,126,086	03/21/84	UNITED KINGDOM			
	B24	2,165,451	04/16/86	UNITED KINGDOM			
	B25	2,178,658	02/18/87	UNITED KINGDOM			
	B26	2,138,492	01/05/73	FRANCE			
	B27	901.111	12/14/84	BELGIUM			
JS	B28	60-174728	09/09/85	JAPAN			

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

JS	C1	STOCKWELL et al., "In Vitro Evaluation Of Alginate Gel Systems As Drug Delivery Systems," <u>Journal of Controlled Release</u> , 3 (1986) pp. 67-175
JS	C2	SLODKI, MOREY E., " Microbial Polysaccharides", Vol. 15, Northern Regional Research Center, U.S. Department of Agriculture, pp. 439-458

EXAMINER <u>James M. Spear</u>	DATE CONSIDERED <u>05-17-2004</u>
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98	C3	ALGINATE INDUSTRIES LIMITED, "Gel Formation with Alginates", pp. 1-11 <i>No date</i>
↑	C4	INGANI et al., "Conception and in vivo investigation of peroral sustained release floating dosage forms with enhanced gastrointestinal transit," <u>International Journal of Pharmaceutics</u> , 35 (1987) pp. 157-164
↓	C5	TIMMERMANS et al., "How well do floating dosage forms float?", <u>International Journal of Pharmaceutics</u> , 62 (1990) pp. 207-216
98	C6	UNIVERSITÉ LIBRE de BRUXELLES, "The gelling properties of Xanthan gum (Keltrol®), Vol. II, April 8, 1987

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